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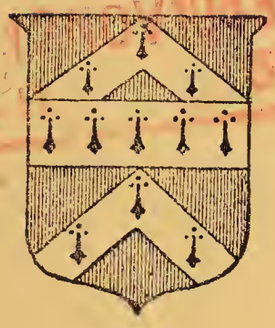

URBAN DISTRICT COUNCIL

— OF —

KIRKBY-IN-ASHFIELD.

ANNUAL REPORT

ON THE WORK OF THE

Public Health Department

FOR THE YEAR 1942.

M. E. KAYTON, D.P.H.
(Medical Officer of Health.)

I. M. MASSEY, M.S.I.A.
(Chief Sanitary Inspector and Superintendent of Public Cleansing.)

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A. Moore, 9 Kingsway, East Kirkby. 6694

Kirkby-in-Ashfield Urban District Council.

1942.

Chairman :

COUNCILLOR J. T. PORTAS, J.P.

Vice-Chairman :

P. S. SARGENT, ESQ.

Councillors :

East Ward.
F. S. Arnold.
W. J. Bains (*resigned* 16/4/42).
T. E. Banks, J.P.,C.C.
F. Booler.
J. A. Marshall.
J. T. Portas.
G. A. Wyles.
A. Evans (*appointed* 5/5/42).

West Ward.
G. Dodson.
Mrs. A. Jeffries, C.C.
E. J. Ley.
P. S. Sargent.
J. Dobb (*appointed* 5/5/42).

South Ward.
Rev. L. I. Butler (*resigned* 25/2/42).
A. Eggleshaw.
J. W. Aldridge.
A. Green.
A. Deverill.
E. W. Ashley (*appointed* 5/5/42).

Clerk :

G. H. Green.

Deputy Clerk :

F. Bowmar.

Medical Officer of Health :

M. E. Kayton, D.P.H.

Senior Sanitary Inspector and Superintendent of Public Cleansing :

I. M. Massey, M.S.I.A.

Assistant Sanitary Inspector :

G. E. Bottomley.

Surveyor :

L. Dodsley.

Water Manager :

L. Leivers.

Rating and Valuation Officer :

P. Cupit.

Gas Department :

L. James .... Office Manager.
H. Brown .... Works Manager.

Health Visitors :

Miss F. E. Tideswell, S.R.N., S.C.M. & H.V.
Miss E. Bradley, S.R.N., S.C.M. & H.V.

REPORT.

To the Chairman and Members of the Kirkby-in-Ashfield Urban District Council.

Mr. Chairman, Madam and Gentlemen,

I have the pleasure of submitting to you my twenty-ninth Annual Report on the Health and Sanitary Conditions of the District.

The report will necessarily be a brief one, but nevertheless will contain the main statistical information and will be a careful survey of the health conditions in the district.

Section A.

Statistics and Social Conditions of the Area.

Area (Acres)	5,831
Population (Census 1931)	17,798
Estimated population (mid-year 1942)	18,180
Number of inhabited houses 1942	5,341
Rateable Value (Nett)	£77,143
Estimated product of penny rate	£280

Occupied Houses—

	East Ward.	West Ward.	South Ward.	Total.
	2289	1882	1170	5341
Population—				
	7791	6407	3982	18180

The principal occupation of the inhabitants is Coal Mining, the remainder are largely occupied as Railway workers, Hosiery operatives and in Farming. To these may now be added a number engaged in Road Transport.

Births.	Male.	Female.	Total.
Legitimate	180	163	343
Illegitimate	7	10	17
Still-Births.			
Legitimate	12	4	16
Illegitimate	0	0	0

Birth-rate per 1,000 of the population 20.6

Deaths.	Male.	Female.	Total.
	98	98	196

Death-rate per 1,000 of the population 10.7

No. of women dying in, or in consequence of childbirth :—

From Puerperal Sepsis .... Nil.

From Other Causes 1

Total deaths of Infants under 1 year 21

Total death-rate per 1,000 live births 58.3

Deaths from Cancer (all ages) 25

Deaths from Measles (all ages) 1

Deaths from Whooping Cough (all ages) 1

Deaths from Diarrhoea (under 2 years of age) .... Nil.

Births and Birth Rate.

The total number of births registered during the year was 376, 199 males and 177 females. Of these, there were 17 illegitimates, 7 males and 10 females. There were 360 live births and 16 still-births. This gives a Birth Rate of 20·6 per 1,000 of the population, as compared with 18·6 per 1,000 of the previous year.

TABLE I.

Showing Births in Wards :—

	East Ward	West Ward	South Ward	Total
1st Quarter	49	29	16	94
2nd Quarter	52	34	9	95
3nd Quarter	37	38	21	96
4th Quarter	38	40	13	91
Totals 1942	176	141	59	376
,, 1941	166	131	57	354
,, 1940	152	97	49	317
,, 1939	128	111	75	314
,, 1938	146	115	61	322
,, 1937	155	101	67	323
,, 1936	145	104	69	318
,, 1935	161	116	61	338
,, 1934	137	110	77	324
,, 1933	165	100	58	323

There has been a noticeable and steady increase in the Birth Rate since 1939 when it fell as low as 15·7. This represents an increase of almost 25%.

Birth Rate in Wards for the last 10 years :—

	East Ward.	West Ward.	South Ward.
1942	22·5	22·0	14·8
1941	19·1	19·6	13·7
1940	18·9	14·7	11·9
1939	14·9	15·8	17·3
1938	17·0	17·2	14·4
1937	18·1	15·3	16·2
1936	17·0	16·1	16·8
1935	19·1	18·2	15·4
1934	16·1	18·0	19·9
1933	19·5	16·7	15·0

Birth Rate for the whole district for the last 10 years :—

1942	20·6	per 1000 of the population.
1941	18·6	,, ,,
1940	16·9	,, ,,
1939	15·7	,, ,,
1938	16·5	,, ,,
1937	16.7	,, ,,
1936	16·6	,, ,,
1935	18·0	,, ,,
1934	17·5	,, ,,
1933	17·6	,, ,,

Deaths and Death Rate.

There were 196 deaths recorded in 1942.

Males ... 98. Females ... 98.

This gives us an annual death-rate of 10·7 per 1000 of the population.

The classification of deaths is as follows :—

	Male.	Female.	Total.
Cerebro Spinal Meningitis....	1	1	2
Whooping Cough	0	1	1
Diphtheria	2	0	2
Tuberculosis of the respiratory system	4	5	9
Other forms of Tuberculosis	0	2	2
Syphillitic diseases	1	0	1
Influenza	0	2	2
Measles	0	1	1
Cancer of oesophaqus and uterus	1	2	3
,, stomach and duodenum	2	5	7
,, breast	0	4	4
,, all other sites	6	4	10
Diabetes	0	3	3
Intracranial vascular lesions	9	14	23
Heart diseases	21	17	38
Other diseases of circulatory system	1	2	3
Bronchitis	6	2	8
Pneumonia	11	9	20
Other respiratory diseases....	4	1	5
Appendicitis....	1	0	1
Other digestive diseases	2	2	4
Nephritis	2	1	3
Other than puerperal maternal causes	0	1	1
Premature Birth	4	2	6
Congenital malformations, etc.	0	2	2
Suicide	0	1	1
Road traffic accidents	1	0	1
Other Violent causes	5	1	6
All other causes	14	12	26
	98	98	196

There is nothing needing special comment with regard to the deaths, except that it shows a smaller number of deaths from Cancer.

TABLE II.

Showing Deaths in Wards at all ages:—

	East Ward	West Ward	South Ward	Totals
1st Quarter ...	24	15	17	56
2nd Quarter ...	18	19	10	47
3rd Quarter ...	17	25	7	49
4th Quarter ...	25	12	7	44
Totals 1942	84	71	41	196
,, 1941	89	92	36	217
,, 1940	103	71	49	223
,, 1939	106	75	40	221
,, 1938	89	59	38	186
,, 1937	100	63	61	224
,, 1936	108	71	43	222
,, 1935	102	57	41	200
,, 1934	104	54	46	204
,, 1933	88	54	36	178

Death Rate for the whole district for the last ten years :—

1942	...	10·7	per 1000 of the	population.
1941	...	11·4	,,	,,
1940	...	11·9	,,	,,
1939	...	11·1	,,	,,
1938	...	9·5	,,	,,
1937	...	11·6	,,	,,
1936	...	11·6	,,	,,
1935	...	10·7	,,	,,
1934	...	11·0	,,	,,
1933	...	9·7	,,	,,

Infantile Mortality.

There were 21 deaths of Infants registered during the year. Of these 10 were boys and 11 girls.

This gives an infantile mortality of 58.3 per 1,000 live births, as compared with 74.1 of the previous year.

The classification of deaths is as follows :—

Intestinal Toxaemia	1
Congestion of Lungs	1
Meningitis	2
Spina Bifida	1
Premature Birth	6
Pneumonia	6
Bronchitis	1
Convulsions	2
Atelectasis	1
	21

Infantile Mortality occurring in Wards :—

	East Ward	West Ward	South Ward
1st Quarter	4	1	1
2nd Quarter....	1	2	2
3rd Quarter	4	3	0
4th Quarter	3	0	0
	12	6	3

Infantile Death Rate in Wards :—

	East Ward	West Ward	South Ward
1942	71.4	44.1	53.5
1941	70.5	72.5	87.7
1940	98.6	30.9	61.2
1939	82.6	56.6	84.5
1938	103.0	88.0	90.0
1937	51.6	89.1	89.5
1936	82.7	115.3	43.4
1935	105.5	86.2	65.5
1934	116.7	54.5	38.9
1933	90.9	70.0	103.3

Infantile Mortality for the whole District for the last ten years per 1,000 births :—

1942	58.3	1937	74.4
1941	74.1	1936	84.9
1940	70.0	1935	97.1
1939	73.8	1934	80.9
1938	76.4	1933	86.3

This is the lowest infantile mortality rate we have had for many years.

Section B.

General Provision of Health Services in the Area.

Maternity and Child Welfare. Health Visitors' Report.

Live Births Registered :—

	Males.	Females.	Total.
Legitimate	180	163	343
Illegitimate	7	10	17

Still Births :—

Legitimate	~~10~~ 12.	~~11~~ 4.	~~21~~ 16.
Illegitimate	0	0	0

Births Notified :—344.

	Males.	Females.
Legitimate	166	156
Illegitimate	6	3
Still-births	12	1

Notified by Doctors 21. By Midwives 323.

Infantile Deaths 21. Rate per 1,000 births 58.3.
Males 10. Females 11. Total 21.

Total number of visits : To Expectant Mothers—

Total Visits	130
To newly born	343
To infants under 1 year	1276
To children over 1 & under 5 years	2613

The above consists of work done in the two districts into which the work is divided.

Miss Tideswell.		Miss Bradley.	
First Visits	150	First Visits	188
Re-visits (under 1 year)....	384	Re-visits (under 1 year)	454
Re-visits 1 to 5 years	1119	Re-visits 1 to 5 years	1494
Ante-natal, first visits	88	Ante-natal, first visits	42
Homes visited	1267	Homes visited	1653

Child Welfare Clinic.

These are held in the Clinic Building, Urban Road. There were 98 sessions held during the year. The total attendances at all sessions were 5,091. Of these 2913 were children under 1 year, and 2178 were between 1 and 5 years of age. Of the children attending the Clinic for the first time during 1942, 278 were under

1 year of age, and 31 were between 1 and 5 years of age. The attendances made by children from the South Ward were 634.

Doctors' consultations at all Child Welfare sessions totalled 273.

66 Children made 545 attendances at the Orthopaedic Clinic, Mansfield.

The number of midwives practising in the area is 5.

Distribution of Food, Etc., 1942.

	£	s.	d.
Goods sold during the year :—			
7,964 lbs. Cow & Gate	696	17	0
4,227 lbs. Ostermilk	434	15	6
656 lbs. Ambrosia	57	8	0
5,641 tins Ovaltine	352	1	3
702 tins Virol	28	18	2
487 tins Colact	40	11	8
702 tins Maltoline	35	2	8
2,183 tins Trufood	300	3	3
559 tins Lactogel	34	18	9
1,658 Adexolin Capsules	41	9	0
464 bottles Cod Liver Oil	20	14	3
1,584 packets I.C.D. Tablets	33	0	0
62 Maternity Outfits	14	19	8
97 Celins	1	4	3
	£2092	3	5

Goods sold during 1942 amounted to £2,092 3s. 5d., compared with £1,359 10s. 5d. for 1941 and £824 15s. 10d. for 1940.

Goods given away in cases of distress :—

	£	s.	d.
180 lbs. Cow & Gate	15	15	0
151 lbs. Ostermilk	13	16	10
30 lbs. Ambrosia	2	12	6
13 tins Colact	1	1	8
20 tins Maltoline	2	18	10
2 tins Virol		1	10
17 tins Ovaltine	1	1	3
11 tins Trufood	1	16	3
17 bottles Cod Liver Oil		18	6
14 packets of I.C.D.		5	10
2 Maternity Outfits		9	8
	£40	18	2

Goods given away in 1942 cost £40 18s. 2d., against £95 2s. 11d. in 1941.

Ante-Natal Clinic.

Forty-eight sessions were held during the year 1942, and 260 individual mothers visited the Clinic, making a total of 442 attendances. This works out at 69.1% or over two-thirds of the expectant mothers in the district who have availed themselves of the facilities given by the Clinic. This is a good advance on previous years.

Of the 260 cases, we had to send 6 to a specialist for further advice, in other words, about 2.3% of the cases.

11 Mothers with complications in child bearing were sent to the Women's Hospital, Nottingham. 19 Mothers were sent to the Mansfield and Basford Institutions owing to "unsuitable home conditions," and three cases were sent for X-Ray.

Dental Work.

Details are given below of the Dental Work carried out for the Council during 1941 and 1942.

	1941	1942
Pre-School Children.		
Referred for dental inspection	74	41
Number inspected	49	40
Attendances at the Clinic....	80	55
Number commencing course of treatment	49	41
Teeth extracted	150	155
Fillings inserted	14	5
Gas administrations	38	37
Expectant & Nursing Mothers.		
Referred for dental inspection	86	112
Number inspected	65	81
Attendances at the Clinic....	335	362
Number commencing course of treatment	55	58
Teeth extracted	601	727
Fillings inserted	42	19
Impressions taken for dentures	56	69
Artificial dentures fitted	52	53
Miscellaneous operations	100	82
Gas administrations	59	52
Completed cases	36	49
Full Sessions devoted	44	50

Section C.

1.—(i) WATER.

Sanitary Circumstances of the Area.

During the year the quarterly reports of the Chemical and Bacteriological examinations showed that the quality and purity of the water supply has been maintained.

The Chlorination plants in the Council's pumping station as well as those of the Butterley Colliery Co. are working satisfactorily.

(ii) SEWERAGE.

Nothing noteworthy to mention.

Section D.

Housing.

Erection of New Houses.

Number of new houses erected during the year	Nil

1.—Inspection of Dwelling-houses during the year.

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	147
	(b)	Number of inspections made for the purpose	430
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1936	Nil
	(b)	Number of inspections made for the purpose	Nil
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	147

2.—Remedy of Defects during the year without service of formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	44

3.—Action under Statutory Powers during the year.

A.—Proceedings under Sections 9, 10 & 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served, requiring repairs	Nil
(2) Number of dwelling-houses which were rendered fit after service of formal notice	Nil
(a) By owners	Nil
(b) By Local Authority in default of owners	Nil

B.—Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied....	23
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :-	
(a) By owners	10
(b) By Local Authority	Nil

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936.

(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil

D.—Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

Housing Act, 1936.—Overcrowding.

(a) (i) Number of dwellings overcrowded at the end of the year	8
(ii) Number of families dwelling therein	8
(iii) Number of persons dwelling therein	63
(b) Number of new cases of overcrowding reported during the year	Nil
(c) Number of cases of overcrowding relieved during the year	Nil

(d)—Particulars of any cases in which dwelling-houses have again become overcrowded after the local Authority have taken steps for the abatement of overcrowding ... ... Nil

Section E.

Inspection and Supervision of Food.

(a) Milk Supply. (See Sanitary Inspector's Report.)

(b) Meat & other Foods. ,, ,,

(c) Adulteration, Etc.

Extract from Report of the County Inspector.

Articles purchased by Inspectors for Examination & Analysis.	Result of Analysis	Observations of County Inspetor.
Baking Powder ... 1	Genuine	
Butter 1	,,	
Coffee 3	,,	
Egg Powder Substitute ... 1		Sample consisted mainly of wheat flour and gum, with a small amount of sodium bicarbonate, the whole coloured with a yellow dye. The sample was infested with mites. Fined £2 and 12/6 costs.
Ginger Wine Essence 1	,,	
Herrings, tinned ... 1	,,	
Jam, Black Currant 1	,,	
Luncheon Meat, tin'd 1	,,	
Margarine 1	,,	
Meat Paste ... 2	,,	
Milk 68	Correct 67 Incorrect 1	
Tea 1	Genuine	
Ice Cream 1		Free from preservatives.
Peas, tinned ... 2		do. & metallic contamination.
Wheat Flakes ... 1	,,	
Beef Sausages ... 1	,,	Free from preservatives.
Prunes 1	,,	
Rice 1	,,	
Sage 2	,,	
Aspirin Tablets ... 1	,,	
Bacon 1	,,	Free from preservatives.
Barley Kernels ... 1	,,	
Spinach Puree ... 1		Free from metallic contamination.
Compound Syrup of Garlic ... 1		Free from deleterious ingredients.
Egg Substitute Powder ... 1		The sample consisted of wheat flour and gum, and sodium bicarbonate, coloured with yellow dye.

Articles Purchased.		Analysis.	Observations.
Fish Paste ...	1	Genuine.	
Lard	1	,,	
Lemonade Crystals ...	1		Free from metallic contamination.
Orange Flavoured Citric	1		Sample consisted of a solution of citric acid flavoured with orange dye and sweetened with saccharin.
Peas, cooked ...	1	,,	
Salt	1	,,	
Sweets, Pineapple Drops	1		The sample was free from arsenic and other deleterious ingredients.

Milk (Special Designations) Order, 1936-38.

Number of Samples taken :

		Complied.		Failed to Comply.
Tuberculin Tested	...	0	...	0
Accredited ...	...	18	...	2

Informal Samples of Milk Tested by " Gerber " Tester.

Taken by Inspectors	...	149	...	2

Section F.

Prevalence of, and Control of Fever, Infectious and other Diseases.

During the year we had only 98 cases of Infectious Disease, compared with 105 of the previous year, also 41 cases of Whooping Cough and 263 cases of Measles.

Nothing else outstanding occurred during the year.

TABLE I.

Showing Notifiable Zymotic Diseases :—

	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Totals
Pneumonia ...	...	6	10	4	15	12	...	47
Erysipelas ...	...	1	1	...	...	2	1	5
Scarlet Fever	...	5	12	6	1	...	...	24
Diphtheria ...	...	1	12	5	...	...	...	18
Pyrexia ...	...	...	...	...	3	...	...	3
Cerebro Spinal Meningitis	1	...	...	...	...	...	...	1
Typhoid ...	...	...	...	...	...	...	...	...
Poliomyelitis	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum	...	...	...	...	...	...	...	...
	1	13	35	15	19	14	1	98

TABLE II.

Showing Zymotic Diseases occurring in Wards :—

	East Ward	West Ward	South Ward	Totals
Scarlet Fever ...	13	8	3	24
Erysipelas ...	4	...	1	5
Pneumonia ...	32	12	3	47
Diphtheria ...	16	1	1	18
Pyrexia	...	3	...	3
Cerebro Spinal Meningitis ...	...	...	1	1
Typhoid	...	...	...	0

Of the above cases of Diphtheria, 13 were among children under 15 years of age, and only two of them had been immunised. Two of the cases proved fatal, and both had not been immunised.

TABLE III.

Showing Notifiable Diseases occurring in months :—

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Scarlet Fever	...	...	3	3	2	3	3	5	2	...	1	2	24
Pnemonia ...	3	2	11	6	10	5	1	3	3	1	1	1	47
Erysipelas ...	...	1	...	...	...	1	...	...	...	1	1	1	5
Diphtheria ...	2	...	...	...	1	...	2	2	4	5	2	...	18
Cerebro Spinal Meningitis ...	...	...	...	...	1	...	...	..	...	...	..	...	1
Pyrexia ...	...	...	...	...	...	...	...	1	.	...	2	...	3
Typhoid ...	...	...	...	...	...	...	...	...	...	...	...	...	...

Disease.	Total Cases Notified.	Cases Admitted to Hospital	Total Deaths
Small Pox	Nil	Nil	Nil
Scarlet Fever	24	2	Nil
Diphtheria	18	14	2
Enteric Fever (incl. Paratyphoid)	Nil	Nil	Nil
Puerperal Fever	Nil	Nil	Nil
Puerperal Pyrexia	3	3	Nil
Pneumonia	47	Nil	20
Dysentery	Nil	Nil	Nil
Erysipelas	5	Nil	Nil
Cerebro Spinal Meningitis ...	1	Nil	~~Nil~~ 1.

Diphtheria Prophylaxis.

Statistics for Diphtheria Immunisation to December 31st, 1942.

	Under 5.	5-15 Years.	Total
Completed Treatment :			
Under Scheme of Local Authority	458	3053	3511
By Private Practitioners	16	23	39
	474	3076	3550

Percentage of School Children Immunised 91.3%

Percentage of Children 1-5 years Immunised.... .... 67%

Number of Children who failed to complete the course of Immunisation 65

There were 11 sessions held during the year in connection with Immunisation.

292 Children on entering school at 5 years of age received a third or " boosting " dose.

Scabies Order, 1941.

During the year 166 cases of Scabies were reported to the Department by medical practitioners. Of these cases seven had to receive hospital treatment, the remainder being given Benzyl Benzoate for home treatment.

The majority of the cases were visited and clothes collected for disinfection purposes, but later this method was relaxed upon receipt of Memo. 229 from the Ministry of Health, which stated that investigations had shown that routine disinfestation of clothing was unnecessary with the standard methods of treatment.

Clearance Forms from medical practitioners show that during the year 108 cases were declared to be free from infection.

TABLE IV.

Tuberculosis.

Age Period	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
1	...		...		...		...	
5	...		...		...		...	
10	...		...		0	1	0	1
15	0	1	0	1	0	1	...	
20	3	6	...		0	3	...	
25	4	4	0	1	1	0	...	
35	0	2	0	1	...		0	1
45	1	0	...		2	0	...	
55	1	0	0	1	1	0	...	
65 upwards	...		...		...		...	
	9	13	0	4	4	5	0	2

It was not found necessary to take action under the Public Health (Prevention of Tuberculosis Regulations) 1925, or under Section 172, Public Health Act, 1936.

During the year two cases were removed from the register as recovered, one case was found to be non-tubercular, one case left the district, and two cases were transfered to this district.

Cases on Register.

	Males.		Females.		
	Pulmonary.	Non-Pul.	Pulmonary.	Non-Pul.	Total.
31/12/1941 ...	100 ...	54 ...	94 ...	51	299
31/12/1942 ...	102 ...	54 ...	103 ...	54	313

In conclusion, I wish to thank your Sanitary Inspector, Mr. I. M. Massey, for his collaboration in this Report, and the rest of the Public Health Staff for their help, and the other Officials for supplying all information pertinent to the Report.

I am, Madam and Gentlemen,

Your obedient Servant,

M. E. KAYTON,

Medical Officer of Health.

Report of the Senior Sanitary Inspector

For the Year ended 31st December, 1942.

I beg to submit my fourth Annual Report as your Senior Sanitary Inspector.

In accordance with instructions the report will contain only the essential facts and statistics.

HOUSING.

This work was still further curtailed in 1942, but every effort was made to remedy the more serious defects.

147 houses were inspected during the year, and 44 were repaired.

DRAINAGE AND SANITARY WORK.

The duties of the Department include the sanitary supervision of these works, the investigation of complaints relating to them, and the testing and inspection of new and old drainage. During the year 12 new drains were tested with the water test before being filled in.

396 Complaints were received relating to choked drains.

6 Drains were repaired or reconstructed following examinations as a result of complaints or for other reasons.

RIVERS AND STREAMS.

An Inspector is employed by the County Council to supervise the purity of rivers and streams.

During the year a watch was kept on cesspools, etc., situated near water courses.

CLOSET ACCOMMODATION.

The closet accommodation of the district at the end of the year was as follows :—

Water Closets	5500
Pail Closets	30

DISINFECTION.

72 Houses were disinfected after the occurrence therein of Infectious Disease. This work is done immediately on notification by the Medical Practitioner attending the case.

110 Consignments of bedding and clothing were treated at the Council's Steam Disinfector following Infectious Disease.

The following articles have also been treated in this manner :—

149 Blankets and 10 Beds for the N.F.S.
292 Blankets for the A.R.P. Department.
231 Blankets for the Home Guard.
370 Blankets for the Evacuation Department.
16 Blankets for a party of firewatchers.

A number of library books were also disinfected during the year after being in contact with Infectious Disease.

DISINFESTATION.

Four houses were disinfested owing to the presence of bed bugs.

FOOD AND DRUGS ACT.

The premises which are required to be registered under Section 14 have been inspected and the defects tabulated.

A number of improvements have already been brought about, but action has been deferred in several cases requiring extensive structural alterations until more favourable times.

SWIMMING BATHS, POOLS, ETC.

A pool is provided by the Butterley Colliery Co., Ltd., at the Kirkby Colliery, which is available for use by school children if so desired.

Two of the Collieries in the district are now provided with modern pit-head baths.

Keeping of Swine and Other Animals.

Householders are encouraged during war-time to keep swine. Inspections are made in order to detect any nuisance arising therefrom.

Petroleum Acts and Regulations.

My duties include those of Petroleum Inspector. During the year 20 licences were granted for the storage of Petroleum Spirit and the income derived therefrom was £12 0s. 0d.

Notices and Proceedings.

During the year there were 213 preliminary notices and 65 statutory notices issued, of which 201 were complied with, the remainder being carried forward to 1943.

There were 88 interviews with owners of property during the year.

It was not found necessary to take any legal proceedings during the year.

Public Mortuary.

The Council possess a public mortuary which is maintained by the Department.

It is only a temporary type of building and unsatisfactory in many respects. It is essential that more suitable premises with adequate facilities should be provided as soon as circumstances permit.

Complaints.

The following is a list of complaints received by the Department during the year :—

Drain blockages	396
Defective housing conditions	73
Defective drainage	36
Defective sanitary conveniences	54
Dirty or verminous houses	6
Accumulation of refuse	1
Nuisance from smoke	1
Rats & Mice Destruction Act	2
Flooding of premises	2
Pollution of Water Course	1
Keeping of animals so as to be a nuisance	5
Offensive smells	1
Defective and dangerous boundary wall	1
Defective dustbins	106

SANITARY INSPECTIONS.

The following is a list of Sanitary Inspections made during the year by your Sanitary Inspectors :—

Houses inspected under the Public Health Acts	147
Inspections made for the purpose	430
Inspected after Infectious Disease....	197
Inspections of dirty or verminous premises	61
Inspections of sanitary conveniences, ashes receptacles, etc.	381
Inspections re Overcrowding	5
New drains inspected....	12
Old drains tested	27
Old drains inspected	131
Cowshed & Dairy Inspections	112
Refuse Tips	98
Piggeries	35
Rats and Mice Destruction	10
Accumulation of offensive materials	2
Foodshops inspected	114
Other Shops	15
Food preparing premises	27
Bakehouses inspected....	9
Offensive Trades	3
Keeping of animals so as to be a nuisance	7

Food Inspection and Supervision.

MEAT INSPECTION.

One slaughterhouse in the Urban District is used for the killing of pigs. In addition a number of visits were made to inspect householders' pigs which had been killed following authorisation by the Food Executive Officer.

There are 22 meat shops in the district. These are inspected regularly.

Visits to inspect pigs....	187
Number of pigs inspected	4215

Food Condemned.

AFFECTED WITH TUBERCULOSIS.

25 Carcases of Pigs and all internal organs.
342 Pigs' heads.
106 Pigs' plucks.

4 Pigs' livers.
3 Pigs' mesenteries.
8 sets of Pigs' lungs.
3 Pigs' heads and shoulders.

Weight affected 7,957 lbs.

Affected with Other Diseases or Unsound Conditions.

42 sets Pigs' lungs	....	Congestion.
9 Pigs' livers	....	Hydatid Cysts.
17 Pigs' plucks	....	do.
6 Pigs' livers	....	Abscesses.
43 Pigs' livers....	....	Cirrhosis.
2 Pigs' Kidneys	....	Nephritis.
66 Pigs' kidneys	....	Cysts.
2 Pigs' livers	....	Necrosis.
Portion of Beef	....	Abscesses.
Portion of Pork	....	do.
2 sets Pigs' lungs	....	Strongyls.
3 Pigs' livers	....	Fatty degeneration.
1 set Pig's lungs	....	Pneumonia.

Being a weight affected of 1,006 lbs.

Being a total weight affected of 8,963 lbs., or 4 tons, 0 cwts. 0 qrs., 3 lbs.

Other Food Condemned.

4 tins of Condensed Milk	....	Decomposition.
11 tins of Corned Beef	....	do.
1 case of Red Alaska Salmon		do.
1 tin of Spiced Meat....	....	do.
28 lbs. Egg Substitute Powder		Mites.
2 tins of Pineapples	....	Decomposition.
1 tin of Pears....	....	do.
13 tins of Baked Beans	....	do.
6 tins of Luncheon Pork	....	do.
34 tins of Treated Milk	....	do.
2 tins of Tomatoes	....	do.
1 tin of Luncheon Beef	....	do.
1 tin of White Beans	....	do.
70 dozen Eggs....	....	do.
21 tins of Beef & Vegetables		do.
11 tins of Chopped Ham		do.
1 tin of Beef Roll	....	do.
17 tins of Peas	....	do.
24 lbs. New Zealand Cheese ...		do.

13 Carcases of Imported Lamb	Black Spot Mould.
25½ lbs. Bacon	Decomposition.
2 tins of Casserole Steak	do.
1 tin of Grape Fruit....	do.
2 tins of Salmon	do.
10 tins of Pork Sausages	do.
1 Ham	do.
25 lbs. Imported Pigs' livers....	do.
35 lbs. of Imported Beef	Decomposition & Mould.
8 lbs. Margarine	Decomposition
1 tin of Herrings	do.

SLAUGHTER OF ANIMALS ACT, 1933.

There are 27 licensed slaughtermen in the district.

MILK SUPPLY.

There are 37 dairy farms and 61 retail purveyors in the district.

The following milks are retailed in the district :—

Accredited Milk.
Pasteurised Milk.
Sterilised Milk.
Ordinary Raw Milk.
Tuberculin Tested Milk.

112 Visits were paid to Cowsheds and Dairies in the area in connection with the Milk & Dairies Order, and many unsatisfactory conditions were remedied following informal action.

Public Cleansing.

This report covers the period ending March 31st, 1943.

TRANSPORT.

Transport units of the Cleansing Department comprise the following :—

1 S.D. Freighter....	7 cubic yards capacity.
1 Dennis	7 do. do.
1 Bedford side-loading vehicle	2 tons.
1 Bedford	30 cwts.
1 tumbler cart for nightsoil work.	

A horse is hired for one half-day per week for work with the tumbler cart for the collection of nightsoil in the unsewered parts of the area.

Considerable difficulty was experienced during the year with regard to the replacement of spare parts for the motor vehicles. The old Bedford lorry formerly used for work on the tip was licensed and used for salvage work and also served as a standby vehicle for refuse collection.

STAFF.

The personnel of the Department is as follows :—

Foreman, who is also motor driver	1
Motor Drivers	3
Engineer (Destructor)	1
Wheeler and Filler (Destructor)	1
Loaders, Tip Attendants, etc.	12
Disinfector, etc.	1
General duties, drainage work etc.	1
Van Driver, etc.	1
	21

3 Boys are engaged on Salvage work.

REFUSE COLLECTION.

Collection is carried out by the S.D. Freighter and Dennis on the relay system, a team of 11 men to the two vehicles. The Bedford lorry is used for collecting refuse from the outer districts and for other work in the Department.

During the year 2,839 loads of refuse comprising 5,910 tons 19 cwts. were collected. (This tonnage figure is estimated from periodic test weighings.)

ANALYSIS IN QUARTER AND WARDS OF REFUSE COLLECTED.

	East Ward.			West Ward.			South Ward.		
	Loads.	Weight.		Loads.	Weight		Loads.	Weight.	
		Tons	Cwts.		Tons	Cwts.		Tons	Cwts.
1st Quarter	276	632	5	249	562	10	149	329	3
2nd Quarter	289	523	10	232	430	18	146	275	4
3rd Quarter	267	607	2	288	529	18	185	346	4
4th Quarter	285	693	8	280	596	19	193	383	18
	1117	2456	5	1049	2120	5	1073	1334	9

SALVAGE.

The following is a list of the salvaged articles collected during the year :—

	Tons.	cwts.	qrs.	lbs.	£	s.	d.
Waste Paper	121	19	0	14	770	17	9
Metals	58	5	2	0	74	8	1
Bones....	6	11	0	2	17	7	4
Rags & Bagging	9	10	1	0	55	8	3
Bottles	(2,413 dozens)				37	12	7
Rubber	1	4	0	0	1	4	0
	197	9	3	16	£956	15	0

REFUSE DISPOSAL.

Refuse is disposed of by burning in a three cell refuse destructor and by controlled tipping.

705 Loads or 1,480 tons 10 cwts. were burned in the destructor.

513 Loads of refuse were removed from Destructor to tip by our own lorry.

Trade Refuse is burned free of charge when brought to the Destructor.

TIPS.

Tipping was carried on during the year at the Lane End Site.

INCOME.

	£	s.	d.
Sale of salvaged materials	956	18	0
Income from Collection of Trade Refuse	42	18	0
	£999	16	0

COSTS OF REFUSE COLLECTION AND DISPOSAL, 1942-43.

	£	s.	d.
Refuse Collection :			
Wages	3560	2	11
Cost of materials	333	0	1
Cost of petrol	313	11	10
Licences, Insurances, etc.	128	10	0
	£4335	4	10
Less Income from Salvage and Trade Refuse Collection	999	16	0
	£3335	8	10

Refuse Disposal :	£	s.	d.
Wages	782	10	7
Cost of materials	129	2	6
Insurances, loan charges, Rates, etc.	110	8	0
	£1002	1	1

Total Expenditure :—£4,357 9s. 11d.

CONCLUSION.

I should like to thank Dr. M. E. Kayton, who has always been ready to help me and support any suggestions put forward to bring about improvements.

I should also like to thank members of the staff for their ready assistance during the year.

I am,

Your obedient Servant,

I. M. MASSEY,

Senior Sanitary Inspector.